Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L16	2	("6009493".pn. or "6226338".pn.) and FIFO	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/12/17 11:23
L17	1	(fly?by near3 DMA) and (((increment$3 adjust$3) with (read$3 sourc$3) with (pointer) with (end complete) with read$3))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/12/17 11:25
L18	1	(fly?by) and (((increment$3 adjust$3) with (read$3 sourc$3) with (pointer) with (end complete) with read$3))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/12/17 12:10
L19	1	(fly?by near3 DMA) same (align$5)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/12/17 12:11
L20	10	(fly?by near3 DMA) and (align$5)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/12/17 12:18
L21	1	"6009493".pn. and align$5	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/12/17 12:18
S1	6	("6275879" or "4059729" or "6446148").pn.	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/06/08 15:41
S2	4043	DMA and (memory near3 controller) and ((slave peripheral I/O) near3 (device apparatus component))	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2003/09/12 09:49
S3	0	((memory near3 control$3) with ((read$3 and writ$3) near3 align))	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2003/09/11 13:27
S4	6	((memory near3 control$3) with ((read$3 and writ$3) near3 align$4))	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2003/09/11 13:31
S5	663	((memory near3 control$3) with align$4)	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2003/09/11 13:31
S6	132	(memory near3 control$3) with ((read write data) near3 align$4)	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2003/09/11 13:32
S7	1143	(memory near3 control$3) with (connect$3 coupl$3) with (DMA)	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2003/09/11 14:34
S8	412	(memory near3 control$3) near3 (connect$3 coupl$3) near3 (DMA)	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2003/09/11 14:34

S9	58	((memory near3 control$3) near3 (connect$3 coupl$3) near3 (DMA)) and align$4	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2003/09/11 14:35
S10	83	(("4507731" "5293381" "5392406" "5699498" "5721841" "5819117" "5983305" "6128704" "4959779" "5517627" "5991848" "6249861" "5793996" "5826068" "5920708" "6032212" "4831514" "5388231" "5430742" "5500819" "5765024" "5774680" "5826093" "5838680" "5838993" "5875351" "5901294" "5913044" "5930484" "6088517" "4340932" "4380798" "4419736" "4899230" "5005151" "5265237" "5442769" "5513334" "5517500" "5524007" "5815677" "6088794" "6105119" "6141736" "6247088" "4276594" "4399332" "4998245" "5265211" "5274780").pn. ("5276836" "5301281" "5423009" "5446845" "5448699" "5475681" "5477541" "5495482" "5517505" "5535349" "5537659" "5561820" "5596715" "5623645" "5636342" "5671443" "5673258" "5687393" "5721839" "5760607" "5768211" "5771359" "5805873" "5832418" "5859990" "5870625" "5872721" "5897663" "5931932" "5983300" "6003122" "6003096" "6006166" "6011921" "6021129" "6032204" "6065093" "6076180" "6122679" "6122462" "6123735" "6141741" "6175572" "6182175" "6230215" "6260095" "6279044" "6381688" "6393500" "6393576").pn. ("6442643" "6490642" "6516366" "6597197" "4580214" "4924377" "5922066" "4396982" "5381532" "5452305" "5471628" "4937781" "5414857" "5752075" "6137591" "5608357" "5644752" "5630152" "5784590" "5195101" "5524243" "4813015" "4864544" "5570284" "6038641" "4816996" "4845712" "4958277" "5179674" "5239643" "5319791" "5392281" "5408651" "5713000" "5794033" "5826037" "5825779" "5952932" "6400717" "3890469" "4905188" "5307321" "5603048" "5621694" "6065066" "5023778" "5249182" "5343469" "5444847" "5457785").pn. ("5506995" "5535333" "5553288" "5590372" "5603035" "5619659" "5710755" "5748917" "5761443" "6092214" "6175887" "6243826" "4487515" "4930069" "4937816" "4980913" "5001755" "5043722" "5247657" "5257261" "5274768" "5421014" "5488693" "5548587" "5559502" "5590369" "5602849" "5630147" "5666381" "5687015" "5761707" "5790572" "5931926" "6009479" "6084880" "6181709" "6226698" "6226698" "6270415" "6339806" "6366973" "6449289" "6473059" "6496886" "5619679" "5226008" "6122696" "5490100" "5608892" "5822251").pn.) and align$4	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2003/09/12 09:52

| S11 | 388 | ("4507731" "5293381" "5392406" "5699498" "5721841" "5819117" "5983305" "6128704" "4959779" "5517627" "5991848" "6249861" "5793996" "5826068" "5920708" "6032212" "4831514" "5388231" "5430742" "5500819" "5765024" "5774680" "5826093" "5838680" "5838993" "5875351" "5901294" "5913044" "5930484" "6088517" "4340932" "4380798" "4419736" "4899230" "5005151" "5265237" "5442769" "5513334" "5517500" "5524007" "5815677" "6088794" "6105119" "6141736" "6247088" "4276594" "4399332" "4998245" "5265211" "5274780").pn. ("5276836" "5301281" "5423009" "5446845" "5448699" "5475681" "5477541" "5495482" "5517505" "5535349" "5537659" "5561820" "5596715" "5623645" "5636342" "5671443" "5673258" "5687393" "5721839" "5760607" "5768211" "5771359" "5805873" "5832418" "5859990" "5870625" "5872721" "5897663" "5931932" "5983300" "6003122" "6003096" "6006166" "6011921" "6021129" "6032204" "6065093" "6076180" "6122679" "6122462" "6123735" "6141741" "6175572" "6182175" "6230215" "6260095" "6279044" "6381688" "6393500" "6393576").pn. ("6442643" "6490642" "6516366" "6597197" "4580214" "4924377" "5922066" "4396982" "5381532" "5452305" "5471628" "4937781" "5414857" "5752075" "6137591" "5608357" "5644752" "5630152" "5784590" "5195101" "5524243" "4813015" "4864544" "5570284" "6038641" "4816996" "4845712" "4958277" "5179674" "5239643" "5319791" "5392281" "5408651" "5713000" "5794033" "5826037" "5825779" "5952932" "6400717" "3890469" "4905188" "5307321" "5603048" "5621694" "6065066" "5023778" "5249182" "5343469" "5444847" "5457785").pn. ("5506995" "5535333" "5553288" "5590372" "5603035" "5619659" "5710755" "5748917" "5761443" "6092214" "6175887" "6243826" "4487515" "4930069" "4937816" "4980913" "5001755" "5043722" "5247657" "5257261" "5274768" "5421014" "5488693" "5548587" "5559502" "5590369" "5602849" "5630147" "5666381" "5687015" "5761707" "5790572" "5931926" "6009479" "6084880" "6181709" "6226698" "6226698" "6270415" "6339806" "6366973" "6449289" "6473059" "6496886" "5619679" "5226008" "6122696" "5490100" "5608892" "5822251").pn. | USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2003/09/12 14:28 |

S12	0	(("4507731" "5293381" "5392406" "5699498" "5721841" "5819117" "5983305" "6128704" "4959779" "5517627" "5991848" "6249861" "5793996" "5826068" "5920708" "6032212" "4831514" "5388231" "5430742" "5500819" "5765024" "5774680" "5826093" "5838680" "5838993" "5875351" "5901294" "5913044" "5930484" "6088517" "4340932" "4380798" "4419736" "4899230" "5005151" "5265237" "5442769" "5513334" "5517500" "5524007" "5815677" "6088794" "6105119" "6141736" "6247088" "4276594" "4399332" "4998245" "5265211" "5274780").pn. ("5276836" "5301281" "5423009" "5446845" "5448699" "5475681" "5477541" "5495482" "5517505" "5535349" "5537659" "5561820" "5596715" "5623645" "5636342" "5671443" "5673258" "5687393" "5721839" "5760607" "5768211" "5771359" "5805873" "5832418" "5859990" "5870625" "5872721" "5897663" "5931932" "5983300" "6003122" "6003096" "6006166" "6011921" "6021129" "6032204" "6065093" "6076180" "6122679" "6122462" "6123735" "6141741" "6175572" "6182175" "6230215" "6260095" "6279044" "6381688" "6393500" "6393576").pn. ("6442643" "6490642" "6516366" "6597197" "4580214" "4924377" "5922066" "4396982" "5381532" "5452305" "5471628" "4937781" "5414857" "5752075" "6137591" "5608357" "5644752" "5630152" "5784590" "5195101" "5524243" "4813015" "4864544" "5570284" "6038641" "4816996" "4845712" "4958277" "5179674" "5239643" "5319791" "5392281" "5408651" "5713000" "5794033" "5826037" "5825779" "5952932" "6400717" "3890469" "4905188" "5307321" "5603048" "5621694" "6065066" "5023778" "5249182" "5343469" "5444847" "5457785").pn. ("5506995" "5535333" "5553288" "5590372" "5603035" "5619659" "5710755" "5748917" "5761443" "6092214" "6175887" "6243826" "4487515" "4930069" "4937816" "4980913" "5001755" "5043722" "5247657" "5257261" "5274768" "5421014" "5488693" "5548587" "5559502" "5590369" "5602849" "5630147" "5666381" "5687015" "5761707" "5790572" "5931926" "6009479" "6084880" "6181709" "6226698" "6226698" "6270415" "6339806" "6366973" "6449289" "6473059" "6496886" "5619679" "5226008" "6122696" "5490100" "5608892" "5822251").pn.) and ((fly-by flyby) near3 read) and ((fly-by flyby) near3 write)	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2003/09/12 14:29
S13	7	((fly-by flyby) near3 read) and ((fly-by flyby) near3 write)	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2003/09/12 14:33
S14	5	(fly-by flyby) near3 transaction	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2003/09/12 14:33
S15	22	(fly-by flyby) near3 (transaction operation)	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2003/09/12 14:33
S16	2	"5822620".pn.	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2003/09/15 15:26
S17	22689	(data read$3 writ$3) near3 align$4	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2003/09/15 15:39
S18	1161	((data read$3 writ$3) near3 align$4).ti.	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2003/09/15 15:39

S19	27	(((data read$3 writ$3) near3 align$4).ti.) and DMA	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2003/09/15 15:40
S20	27	((((data read$3 writ$3) near3 align$4).ti.) and DMA) and ((data read$3 writ$3) near3 align$4)	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2003/09/16 11:49
S21	1314	align$4 and (invalid near3 data)	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2003/09/16 11:49
S22	3	align$4 and transmit near3 (invalid near3 data)	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2003/09/16 11:51
S23	268	align$4 and (invalid near3 data) and DMA	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2003/09/16 14:58
S24	1654	DMA and ((read$4 writ$4 data memory) with (align$3))	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/06/04 11:18
S25	1019	(DMA and ((read$4 writ$4 data memory) with (align$3))) and (memory near3 control) and (peripheral slave I/O)	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/06/04 11:18
S26	276	DMA same ((read$4 writ$4 data memory) with (align$3))	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/06/04 11:18
S27	175	(DMA same ((read$4 writ$4 data memory) with (align$3))) and (memory near3 control) and (peripheral slave I/O)	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/06/04 11:22
S28	7	(read with data with memory with (peripheral I/O slave)) and (increment with read with pointer) and (align near3 data)	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/06/04 11:25
S29	191	(DMA and (memory near3 controller) and ((slave peripheral I/O) near3 (device apparatus component))) and (read$3 with align$4) and (write with align$4)	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/06/04 11:26
S30	202	(DMA and (memory near3 controller) and ((slave peripheral I/O) near3 (device apparatus component))) and (read$3 with align$4) and (writ$4 with align$4)	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/06/04 11:26
S31	3	(DMA with (read load) with (peripheral slave) with align$5)	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/06/07 10:31
S32	10	(fly-by flyby) with (read) with (DMA)	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/06/07 12:39
S33	0	(DMA same ((increment$3) near3 read$3 near3 pointer) same align$5)	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/06/07 12:40
S34	37	(DMA same ((increment$3) near3 read$3 near3 pointer))	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/06/07 12:50

S35	1187	DMA and (read$3 near3 pointer)	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/06/07 12:52
S36	230	(DMA and (read$3 near3 pointer)) and align	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/06/07 12:51
S37	467	(DMA and (read$3 near3 pointer)) and align$5	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/06/07 12:51
S38	4	DMA same (read$3 near3 pointer) same (align$5)	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/06/07 13:26
S39	467	DMA and (read$3 near3 pointer) and (align$5)	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/06/07 13:27
S40	83	DMA and (increment$4 near3 read$3 near3 pointer) and (align$5)	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/06/07 13:50
S41	89	DMA with (fly-by fly$4)	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/06/07 13:50
S42	11	(DMA with (fly-by fly$4)) and (read near3 pointer)	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/06/07 13:51
S43	33	(DMA with (fly-by fly$4)) and pointer	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/06/07 13:57
S44	0	(DMA with (fly$5 (single near3 cycle))) and (increment near3 read$3 near3 pointer) with (slave peripheral I/O)	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/06/07 15:06
S45	0	(DMA with (fly$5 (single near3 cycle))) and ((increment near3 read$3 near3 pointer) with (slave peripheral I/O))	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/06/07 15:06
S46	3	(DMA with (fly$5 (single near3 cycle))) and (increment near3 read$3 near3 pointer)	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/06/07 15:07
S47	33	(DMA with (fly$5 (single near3 cycle))) and (read$3 near3 pointer)	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/06/07 15:13
S48	5512	(DMA with (slave peripheral I/O))	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/06/07 15:14
S49	9	(DMA with (slave peripheral I/O) with (read near3 pointer))	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/06/07 15:15
S50	24	(DMA with (slave peripheral I/O) with align$6)	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/06/07 15:15

S51	198367	(DMA with (single near3 cycle) (1-cycle) (fly-by fly$5))	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/06/08 09:59
S52	221	(DMA with ((single near3 cycle) (1-cycle) (fly-by fly$5)))	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/06/08 09:59
S53	314	(DMA same ((read$3 load$3) with (peripheral with memory)))	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/06/08 10:01
S54	7	(DMA same ((read$3 load$3) with (peripheral with memory) with (pointer descriptor)))	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/06/08 10:02
S55	28	(DMA same ((read$3 load$3) with (peripheral with memory) same (pointer descriptor)))	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/06/08 10:02
S56	110	((DMA same ((read$3 load$3) with (peripheral with memory)))) and (pointer)	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/06/08 10:02
S57	21	((DMA same ((read$3 load$3) with (peripheral with memory)))) and (increment advance) near3 (pointer)	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/06/08 10:03
S58	41	((DMA with ((single near3 cycle) (1-cycle) (fly-by fly$5)))) and ((read$3 load$3) with (peripheral) with memory)	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/06/08 10:20
S59	30	((DMA with ((single near3 cycle) (1-cycle) (fly-by fly$5)))) and (read near3 pointer)	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/06/08 10:46
S60	123	((DMA with ((single near3 cycle) (1-cycle) (fly-by fly$5)))) and (pointer)	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/06/08 10:47
S61	1	"6275877".pn. and enable	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/06/08 11:58
S62	1	"6275877".pn. and align$5	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/06/08 12:08
S63	3	((DMA with ((single near3 cycle) (1-cycle) (fly-by fly$5)))) and align$5 near3 signal	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/06/08 11:59
S64	92	((DMA with ((single near3 cycle) (1-cycle) (fly-by fly$5)))) and align$5	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/06/08 12:01
S65	44	((DMA with ((single near3 cycle) (1-cycle) (fly-by fly$5)))) and (DMA with align$5)	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/06/08 12:01
S66	1	"6275877".pn. and FIFO	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/06/08 12:16

S67	546	DMA same (align$5)	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/06/08 12:17
S68	58	(DMA same (align$5)) and ((invalid garbage non-align$5 unalign$5) near3 (data word))	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/06/08 12:26
S69	0	(DMA same (align$5)) and (transmit$5 send$ request$3) near (invalid near3 data)	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/06/08 12:27
S70	241	(transmit$5 send$ request$3) near (invalid near3 data)	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/06/08 12:27
S71	0	DMA same ((transmit$5 send$ request$3) near (invalid near3 data))	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/06/08 12:27
S72	33	DMA and ((transmit$5 send$ request$3) near (invalid near3 data))	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/06/08 12:27
S73	10	DMA and align$5 and ((transmit$5 send$ request$3) near (invalid near3 data))	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/06/08 12:33
S74	938	(read$3 near3 align$5) same (writ$3 near3 align$5)	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/06/08 12:44
S75	892	(read$3 near3 align$5) with (writ$3 near3 align$5)	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/06/08 12:44
S76	10	((read$3 near3 align$5) with (writ$3 near3 align$5)) and ((DMA with ((single near3 cycle) (1-cycle) (fly-by fly$5))))	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/06/08 12:47
S77	3	(memory near3 controller) with (read$3 near3 align$5) with (writ$3 near3 align$5)	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/06/08 12:49
S78	247	(memory near3 controller) with (align$5)	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/06/08 12:50
S79	205	(increment$3 adjust$3) with (read$3 sourc$3) with (pointer) with (end complete) with read$3	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/12/16 14:23
S80	56	S79 and DMA	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/12/16 14:23
S81	11	DMA same ((increment$3 adjust$3) with (read$3 sourc$3) with (pointer) with (end complete) with read$3)	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/12/16 14:24

| S82 | 8 | DMA with align$4 with (system near3 bus) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/12/16 14:45 |
| S83 | 47 | DMA with align$4 with bus | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/12/16 14:45 |